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(54) DETECTING METHOD OF CORNER POSITION

(57) Abstract:

PURPOSE: To detect an accurate corner position, by detecting roughly the corner position with a line sequential scan and applying a heuristic searching method to an obtained contour part.

CONSTITUTION: A binary coded picture fed from a picture input device 101 is stored temporarily at a picture data storage part 102. A circumscribed rectangle detecting part 103 scans the picture data to search the contour of an object and then detects a rectangular region inscribed to said contour. The contour is divided by the contacts of the rectangle, and each of these divide contours undergoes a linear scan from the edge line of the rectangle to obtain a position data on the contour.

A scanning direction setting part 104
sets the scanning direction to enable
the corner detection and avoids the
undetection of corners. Then the
position data of each partial contour
is detected at a linear scan contour
detecting part 105 in response to the
set direction. A searching part 107
carries out searching in a heuristic
searching method.